## UTILITY PATENT APPLICATION TRANSMITTAL

(New Nonprovisional Applications Under 37 CFR § 1.53(b))

## Attorney Docket No. **SETI-0006**

## TO THE COMMISSIONER FOR PATENTS:

| Transmitted herewith is the HETEROSTRUCTURE SEM (X) Original Patent Application (A) Continuing Application                                                          | IICONDUCTOR DEVIC                                                                                                                                                               | <u>E</u> , for a(n):                                                                                                                                                                                                                              | or (X) first named inventor                                                                                                                                                                                                                                            | , Fareed et al., entitled                             |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|
| ( ) Continuing Application (prior application not abandoned): ( ) Continuation ( ) Divisional ( ) Continuation-in-part (CIP)                                        |                                                                                                                                                                                 |                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                        |                                                       |
| of prior Application No, filed on                                                                                                                                   |                                                                                                                                                                                 |                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                        |                                                       |
| ( ) A statement claiming priority under 35 USC § 120 has been added to the specification.                                                                           |                                                                                                                                                                                 |                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                        |                                                       |
| (X) A statement cl                                                                                                                                                  | aiming priority under 35 l                                                                                                                                                      | JSC § 119(e) has been a                                                                                                                                                                                                                           | added to the specification. (1                                                                                                                                                                                                                                         | for provisional conv.)                                |
| (X) Oath or Declar (X) A Newly (X) Sign ( ) A Copy fr ( ) Inco oath appl ( ) Sign ( ) Power of ( ) Associate ( ) Prelimina  ( ) Certified (if foreign (X) Applicant | ation: Executed Combined Decl ed. ( ) rom a Prior Application for rporation by Reference. To or declaration is supplied ication and is hereby incomed ed Statement Deleting Inv | Unsigned. or Continuation/Division The entire disclosure of t , is considered as being reporated herein by refere ventor(s) Named in the F  (X) Return R  (X) Check in  (X) Informati  copies of ints (X) Recordati  (X) Assignments (X) Check in | ttorney:  ( ) Partially Signed.  (a) CFR § 1.63(d)).  the prior application, from v part of the disclosure of the ence.  Prior Application. (37 CFR eccipt Postcard the amount of \$ 375.00 from Disclosure Citation (For \$ 32 non-patent references from Cover Sheet | § 163(d)(2)).  For the Filing Feerm PTO-1449) with    |
|                                                                                                                                                                     |                                                                                                                                                                                 | CLAIMS AS FILED                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                        |                                                       |
| FOR                                                                                                                                                                 | NO. FILED                                                                                                                                                                       | NO. EXTRA                                                                                                                                                                                                                                         | RATE                                                                                                                                                                                                                                                                   | FEE                                                   |
| Total Claims                                                                                                                                                        | 20                                                                                                                                                                              | 0                                                                                                                                                                                                                                                 | \$9.00                                                                                                                                                                                                                                                                 | \$0.00                                                |
| Independent Claims                                                                                                                                                  | 3                                                                                                                                                                               | 0                                                                                                                                                                                                                                                 | \$42.00                                                                                                                                                                                                                                                                | \$0.00                                                |
| Multiple Dependent Claim Fee (if applicable)                                                                                                                        |                                                                                                                                                                                 |                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                        | \$0.00                                                |
| Assignment Recording Fee (if applicable)                                                                                                                            |                                                                                                                                                                                 |                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                        | \$0.00                                                |
| Basic Filing Fee                                                                                                                                                    |                                                                                                                                                                                 |                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                        | \$375.00                                              |
| Total Filing Fee                                                                                                                                                    |                                                                                                                                                                                 |                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                        | \$375.00                                              |
| application, the Commissioner duplicate copy of this sheet is e Respectfully submitted,  By:                                                                        | is hereby authorized to charg nelosed for fee processing ag of Record, Reg. No. 48,301                                                                                          | ainst this Deposit Account  I hereby certify "Express Mail on the date ince                                                                                                                                                                       | 25. At any time during the pen it any overpayment to this Deposite of that this is being deposited with Post Office to Addressee" serviticated below and is addressed Mail Stop PATENT APPLIC Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-145          | h the U.S. Postal Service ice under 37 CFR § 1.10 to: |
| Phone: (518) 449-0044<br>Fax: (518) 449-0047                                                                                                                        |                                                                                                                                                                                 | Express Mail Label No.: EV263593858US                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                        |                                                       |

Express Mail Label No.: EV263593858US Date of Deposit: September 10, 2003